

Composition of the Sedimentary Rocks of the Russian
Platform in Relation to the History of Its Tectonic
Movements, by A. P. Vinogradov, A. B. Ronov.

RUSSIAN, per, Geokhimiya, No 6, 1956, pp 3-24.

ATS RJ-1039

ATS 04J19R

Sci - Min/Met
Jul 59

91,267

New Data on the Isotopic Composition of Lead
Samples, by A. P. Vinogradov, S. I. Zhlukov, 5 pp.

~~RUSSIAN~~, thrice-mo per, Dok Ak Nauk SSSR, Vol CV,
No 1, 1955, pp 126-128.

A.E.R.E. Harwell Lib Tr 757
Sci Mus Lib No 56/2812

Sci - Physics

43,441

atomic nuclei - 1955

Isotopic Composition of Photosynthetic Oxygen, by
A. P. Vinogradov.

U of Washington
Fisheries and Oceanography Lib
Transl.

Oct 61

The Biological Role of the Radioactivity of K_4O in
Animals, by A. P. Vinogradov.

U of Washington
Fisheries and Oceanography Lib
Microfilm 68F2

Oct 61

The Geochemistry of Rare and Widely Scattered
Chemical Elements in Soils,
by A. P. Vinogradov, 236 pp.

RUSSIAN, bk, Geokhimiya Redkikh i Rasseyannykh
Khimicheskikh Elementov v Pochvakh, 1957, 236 pp.
EDC Jan-Feb 1959. 2d Ed

Dept of Interior
S593, V513
1959

Consultants Bureau

\$9.50

Sci -Chem

80,635
(OSIR'240 being translated, but not yet published)

The Isotopic Constitution of Terrestrial Rocks and
Meteorites, by A.P. Vinogradov, 8 pp.

Russian, per, Atom Energ, Vol IV, No 5, 1958,
pp 409-416

Consultants Bureau

Sci - Nuclear Phys

W41 59

88,303

Tungsten and Molybdenum in Igneous Rocks (as
Related to the Geochemistry of Tungsten, by
A. P. Vinogradov, E. E. Vainshtein, L. I. Pavlenko,
13 pp.

RUSSIAN, per, Geokhim, No 5, 1958, pp 399-408.

Geochemical Society

Sci - Geophys

Jun 59

89,626

Age of Pre-Cambrian Rocks of the Uraine, Part 1
by A. P. Vinogradov, A. I. Tugarinov, et al,
7 pp.

RUSSIAN, per, Geokhimiya, SSSR, No 7, 1957,
pp 559-565.

Assoc Tech Serv 28K26R
7.50

Sci - Geophys
OTS I, 4
Apr 59

85,255

The Biological Role of the Radioactivity of K^{40} in
Animals, by A. P. Vinogradov, V. V. Kovalsky, + pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIII,
No 2, 1957, pp 315-318.

Amer Inst of Biol Sci

Sci - Medicine
Feb 1958

58,280

Radiochemical Research of Nuclear Transformation
Products of High Energy Particle Bombardment, by
A. P. Vinogradov, 29 pp.

Full translation.

RUSSIAN, bk, Conference on Peaceful Uses of
Atomic Energy Academy of Sciences USSR, 1-5 Jul
1955, Session of the Div of Chemical Science,

36,388

GPO

~~Consultants Bureau~~
~~259 West 14th St,~~
~~New York 11, N.Y.~~

Sci - Nuclear Physics
*87 rpts for \$350.00

Radiochemical Study of Products of High Energy
Spallation of Copper and Bismuth, by A. P.
Vinogradov, I. P. Alimarin, V. I. Baranov, A. K.
Levrulkhina, T. V. Baranova, F. I. Pavlotskaya, 26 pp.

Full translation.

RUSSIAN, bk, Conference on Peaceful Uses of Atomic
Energy Academy of Sciences USSR, 1-5 Jul 1955,
Session of the Div of Chemical Science,

35, 384

GPO

~~Consultants Bureau~~
~~259 West 14th St,~~
~~New York 11, N.Y.~~

Sci - Nuclear Physics *87 rpts for \$350.00

Lead Isotopes and Their Significance, by A. P.
Vinogradov, 41 pp.

Full translation.

RUSSIAN, bk, Conference on Peaceful Uses of Atomic
Energy Academy of Sciences USSR, 1-5 Jul 1955,
Session of the Div of Chemical Sciences,

7-230-261

35,377

GPO

~~Consultants Bureau~~
~~259 West 14th St,~~
~~New York 11, N.Y.~~

Sci - Nuclear Physics

*87 rpts for \$350.00

Radio Chemical Research of Nuclear Transformation
Products of High Energy Particle Bombardment,
by A. P. Vinogradov, (AF 683699)

RUSSIAN, rpt, Report of a Plenary Session of the
Acad of Sciences, USSR, On the Peaceful Use of
Atomic Energy - July 1-5, 1955, pp 69-77.

CIA O 487951.

28,639

ATIC F-TS-8715/V

Scientific - Chemistry, Electronics, Nuclear Physics
USSR - Military e

The isotopic composition of Oxygen in Igneous rocks
and meteorites, by A. P. Vinogradov, E. I. Kostin,
and G. A. Chupakhin, 5 pp.

RUSSIAN, per. Geokhimiya, no 3, 1958, pp 187-190.

The Geochemical Society

Sci - Geophys

Mar 59

83,699

Radiochemical Investigation of the Fission of Bismuth,
Thorium, and Uranium with 480-Mev Protons, by A. P.
Vinegradov, I. P. Alimarin, V. I. Baranov, A. K.
Lavrukhina, T. V. Baranova, F. I. Pavlotakaya, A. A.
Bragina, Yu. V. Yakovlev, 14 pp.
Full translation.

RUSSIAN, bk, Conference on Peaceful Uses of Atomic
Energy Academy of Sciences USSR, 1-5 Jul 1955, Session
of the Div of Chemical Sciences, p 97-118

CIA/700/X-1974

35, 31.7

AEL 2337 1.
Sci - Nuclear Physics
#87 rpts for \$350.00

GPO

RT-3692

~~Hold for more info~~

The Geochemistry of Rare and Dispersed Elements in
Soils, by A. P. Vinogradov, 236 pp.

RUSSIAN, bk, Geokhimiya Redkikh i Rosseyannykh
Khimicheskikh Elementov v Pochvakh.

Consultants Bureau
\$9.50

Sci - Geophysics
Mar 59

National Science Foundation
Grants

Grantee 82,594

The Geochemistry Society

Vinogradov, A. P.

THE ORIGIN OF THE EARTH'S SHEATHS. [1963]
[22p]

Order from OTS, SLA, or ETC \$2.60 TT-63-20678

Trans. of #Akademiya N[auk] SSSR. Izvestiya.
Seriya Geologicheskaya] 1962 [v. 27] no. 11, p. 3-17.
(Abstract available)

DESCRIPTORS: *Geogony, *Geochemistry, Earth,
Meteorites, Phase studies, Geology.

A study is made of the transformations of each phase
of meteoritic matter and the earth in different con-
ditions of pressure and temperature, and specifically
of the silicate, iron-nickelous, sulfide, chromite, and
other phases, their coaction and the entire course of
their transformations, which they undergo right up to
their analogues in the earth crust.
(Earth Sciences--Geology. TT, v. 11, no. 3)

TT-63-20678

I. Vinogradov, A. P.

Office of Technical Services

The Isotope K^{40} and its Role in Biology, by
A. P. Vinogradov, 7 pp.

RUSSIAN, bimo per, Biokhim, Vol XXII, No 1, 2,
Jan-Apr 1957, pp 14-20.

Consultants Bureau

Sci - Chemistry
Apr 58

61, 646

An Attempt to Obtain the Products of Reduction of
Carbon Dioxide Labelled With C^{14} , by Chloroplasts
Without Cells, by A. P. Vinogradov, E. A. Boi-
chenko, and V. I. Baxanov.

Full translation.

RUSSIAN, per, Dok Akad Nauk SSSR, No 78, pp 327-
329.

AEC Tr 1220

Scientific - Chemistry

ST-1249
SLA-1249

A-489

Isotopic Composition of the Oxygen of Some
Minerals, by A. P. Vinogradov, E. I. Donsova,
6 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR,
Vol LVI, No 4, 1947, pp 391, 392.

SIA R-1219

May 58

64, 526

Isotopic Composition of the Oxygen of Alumina-
Silicate Rocks, by A. P. Vinogradov, E. I.
Dontsova, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LVIII,
No 1, 1947, pp 83, 84.

SIA R-1197

May 58

64,524

61-10353

Vinogradov, A. P., Kutyurin, M. V. and others.
ISOTOPIC COMPOSITION OF OXYGEN IN PHOTO-
SYNTHESIS AND RESPIRATION. [1960] [5]p. 10 refs.
Order from LC or SLA mi\$1.80, ph\$1.80 61-10353

Trans. of Akad[emiya] Nauk SSSR. Doklady, 1960,
v. 134, p. 1486-1489.

1. Oxygen isotopes--Properties
2. Photosynthesis
- I. Vinogradov, A. P.
- II. Kutyurin, M. V.

Office of Technical Services

(Biological Sciences--Botany, TT, v. 5, no. 6)

Evolution of the Chemical Composition of the
Clays of the Russian Platform, by A. P.
Vinogradov, A. B. Ronov, 18 pp.

RUSSIAN, per, Geokhimiya, No 2, 1956, pp 3-18.

AMS-67M3TR

Sci
Sep 61

169.124

Influence of the Country Rock on the Sulphur Isotope
Composition of Ore Sulphides, by A.P. Vinogradov .
RUSSIAN, per, Goschimia, USSR Academy of Science,
No. 6, Moscow, 1964,
(N2DIA)

A.P. VINOGADOV

Jci -
Aug 67

339,918

111
Measurements of Gamma-Radiation of the Lunar
Surface of the Space Station Luna-10, by
A. P. Vinogradov, Yu. A. Surkov.
RUSSIAN, rpt. P910323167
Sci Tech Info Facility
ST-LPS-ACH-10643

A. P. Vinogradov

Sci-Space Tech
Oct 67

342,557

The Determination of Zirconium in the Presence of
Niobium and Tantalum by the Phosphate and Hydroxy-
quinoline Methods, by A. V. Vinogradov, V. S. Shpinel',
3 pp.

RUSSIAN, per, Zavod Lab, Vol XXV, No. 9, 1959, pp 1067-
1068.

Instru Soc of Amer

Sci
Aug 60

122,334

Phosphate-Hydroxyquinoline Method for Separation and Volumetric Determination of Zirconium, by A.V. Vinogradov, V.S. Shpinel, 6 pp.

RUSSIAN, per, Atomnaya Energiya, Vol III, No 7, 1957, pp. 130-134.

8

Consultants Bureau

Sci - Nuc Phys

Jun 58

65, 0.70

Gravimetric Determination of Uranium by
Precipitation with Hexamminecobaltinitrate,
by A. V. Vinogradov, R. M. Apirina, 6 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XVII, No 2,
1962, pp 222-226.

CB

Sci

Jan 63

220,559

Changes in the Cardiac Output and General Periphora-
al Resistance after Obstruction of a Coronary Ar-
tery, by A. V. Vinogradov, L. I. Dmitrieva, 5 pp.

RUSSTAN, per. Byul Eksper Biol i Med, Vol L,
No 7, 1960, pp 27-32.

CB

Sci
Mar 61

143,660

The Geochemistry of Rare and Widely Scattered
Chemical Elements in Soils, by Aleksandr Vinogradov,
236 pp.

RUSSIAN, monograph, Geokhimiya Redkikh i
Rasseyannykh Khimicheskikh Elementov v Pochvakh,
Moscow, 1950, 277 pp.

CB

Sci - Chemistry
Nov 59

103,319

The Geochemistry of Rare and Widely Scattered
Chemical Elements in Soils, by Aleksandr Pavlovich
Vinogradov, 236 pp.

RUSSIAN, monograph, Geokhimiya Redkikh i
Rasseyannykh Khimicheskikh Elementov v Pochvakh,
Moscow, 1950, pp 1-277.

CB

DSG 111 F.1127

Sci

Dec 59

Vol 2, No 4

102,747

Flight of Spherical Volume of Ground During
Explosion in the Center of Symmetry, by
B. A. Vinogradov, V. N. Rodionov, 13 pp.

RUSSIAN, per, Zhurnal Prikladnoi Mekhaniki i
Tekhnicheskoi Fiziki, No 3, 1st 1961,
pp 36-42. 9069047

AEC UCRL Trans. 859 (L)

Sci - Phys
Dec 62

217423

57
Gas Dynamic Experimental Investigation of the
Interaction Zone During Injection of a Secondary
Jet into the Main Supersonic Flow, by B. C.
Vinegradov.

RUSSIAN, per, Investiya Vysokikh Uchastkov
Zavedeniya. Aviatselovaya Tekhnika, No 2, 1967,
pp 81-88.
*FTD-MT-24-14-68

Sci-Aero
Feb 68

B. C. Vinegradov

The Influence of Transistor Saturation Upon
the Multivibrator Operation, by V. A. Kuz'min,
~~9 pp.~~ *B. N. Vinogradov, 9 pp.*

RUSSIAN, per, Radiotekh i Elektron, Vol V,
No 3, 1960, pp 490-496.

FP

Sci
Aug 61

167, 137

)
The Muskrat, *Castor zibethicus* L, by B. S.
Vinogradov.

RUSSIAN, bk, Atlas okhotnich'ikh i promyslovyykh
ptits i zverei Ak Nauk SSSR, 1953, pp 96-98.

OTS 60-51196
PL-480

174.017

Sfi - Biol

Row Wave in the Streamlining of blunt Bodies by a
Supersonic Flow, by M.B. S. Vinogradov, Z. G. Glaykhts
Gpp.

RUSSIAN, par, Iz Vysshikh Ucheb Zaved MFISIO SSSR,
Seriya Aviats Tekh, No 2, 1963, pp 60-64.

JPRS 22668

Sci
Jan 64

246, 681

Manuals - General Outline. Atlas of Game Birds and
Animals in the USSR, by B. S. Vinogradov, 10 pp. 907793

RUSSIAN, per, Atlas Okhotnich'ikh i Pron Ptits 1
Zveri Ak Nauk SSSR, Vol II, 1953, pp 9-16.

OTS 60-51181
FL-480

Sci - Bio
Jul 61
PST No. 155

East - Western
Q11 E78 K6 26 159,928

77
Off-Design Operating Conditions of a
Supersonic Diffuser, by D. S.
Vinogradov.
RUSSIAN, par. Trudy Kazan. Aviacsionnogo
Instituta, No 76, 1963, pp 3-23
*FTL-44T-65-472

X-1-Phys
Sept 65

Characteristics of the Simplest Supersonic Diffuser
(Reverse Laval Jet), by B. S. Vinogradov, 11 pp.

RUSSIAN, per Iz Vysshikh Ucheb Zaved Aviatcion Tekh,
No 3, March 1958, pp 60-67.

OT/4209
JPRS: R-531-D

Sci - Geophys

W. 1142 (142)

19 Sep 60

SLR 60-23518

Analytic Table of the Reagents, by E. I. Vinogradov and A. I. Argyropoulos,
RUSIAH, per, Zoologicheskii Institut, Moscow.
Sov. Zool. Rev. 29, 1961, 241 pp.
*CEMI TT 67-2139

42

E. I. Vinogradov

101-224

Rev 66

134
Uncalculated Operating Regimes of Supersonic
Diffuser, by B. S. Vinogradov, 26 pp.
RUSSIAN, per. SAZAN, Aviatsionnyy Institut.
Trudy, No 76, 1963, pp 3-26. P100347487
FTD-MT-65-472

B. S. Vinogradov

Sci/Phys
Jan 68

348,331

Polygonal Patterning of Soils and Vegetation in
Landscapes of the Dry Steppe of Northern Kazak-
hstan, by B. V. Vinogradov.

RUSSIAN, per, Izvestiya Ak Nauk SSSR, Seriya
Geograficheskaya, No 1, 1959, pp 90-98.

*AFCL

B. V. Vinogradov

Sci-Ear Sci
Aug 68

Vegetation as an Indicator in the Interpretation of Aerial Photographs of Desert Landscapes in Western Turkmenia.
by G. V. Vinogradov, 11 pp.
RUSSIAN, per, Iz Vses Geo Obshch.
Jan, Feb., Referents in Nov. Coop.
Vol II, No 5, 1961, 7 pp.
OTS-TT 68-50064

Sci-M. Sci & Astron
May 68

276,708

Determination of Ultra-Small Amounts of Tin,
Bismuth, and Antimony in High Purity Aluminum by
Anodic Voltamperometry on a Stationary Mercury
Electrode, by E. N. Vinogradov and L. N. Vasil'eva,
p 7

RUSSIAN, per, Zhur Analiticheskoi, Vol XVII, No 5,
1962, pp 579 - 584

CB

Sol

340,343

Jul 63

Voenno-Medical Conference
of the Air Force Engineering Academy
Invited Professor M. Ye. Zhukovskiy and
the Central Polyclinic No 3 MO, by P. P.
Vinogradov, N. I. Yegorov

RUSSIAN, no per, Voenno Med Zhur, No 1,
Moscow, Jan 1959, pp 95-96

See index

US JPRS 1555-N

1959

1959

Page 5

88,866

The Compacting and Rolling of Powder
Materials, by G. A. Vinogradov and
I. D. Radomysel'skii.

RUSSIAN, rpt. Book Review in Poroshk.

Metall, 1964, No 1, pp 111-112.

NLL 5328.4 1964 (5491) (On loan)

CFSTI 77-65-61186

(GAV) *G. A. Vinogradov*

Aug 65

288,062

79
Rolling of Metal Powders, by G. A. Vinogradov
and In. A. Serenov, 87 pp.
RUSSIAN, bk, Prokatka Metallicheskih Poroshkov.
Metallurgizdat. Moskva, 1960, pp 1-86.
E100000368-V
ML-ML-67-67

Sci-ats
May 60

356,323

G. A. Vinogradov

Production of Cartridges for the 7.62 mm
Rolling of Metal Powders, by G. A. Vinogradov.
RUSSIAN, per, Poroshkovaya Metallurgiya, No 6,
Nov-Dec 1964, pp 12-16.
HB 6462

Vinogradov

Sci/MGM
Apr 65

277,101

Method of Investigating the Forces and Pressures in the Rolling of Metal Powders, by V. P. Korneinikii, G. A. Vinogradov. STANAV, per. Prozhektirova Metalloobrab., No 11, Feb 1963, pp 3-5. RU 6631

G. A. Vinogradov

sci/1403
May 65

120,700

Method of Calculating Rolls Pressure in Metal Powder
Rolling, by G.A. Vinogradov.
RUSSIAN, per Poroshkovaya Metallurgiya, Vol. 4, No. 6
1964, pp 12-16
NLL/5828.4 5678

G. A. VINOGRADOV

Sci -
Aug 67

338-477

Calculation of the Layer Thickness Ratio
in the Rolling of Two and Three Layer Strips
From Metallic Powders, by O. A. Katsun
and G. A. Vinogradov.

RUSSIAN, per, Engrg. Met., 1964, Vol 1,
No 1, pp 34-41.

RL 5820.4 1964 (592) (On Loan)

Aug 65

286,947

G. A. Vinogradov

Method of Calculating the Density and Thickness of
Porous Rolled Strip, by G. A. Vinogradov, 5 pp.

RUSSIAN, per, Poroshkovaya Metallurgiya, ^{v.3} No 5(17),
1963, pp 15-20.

CFSTI 77-66-61344

CB

Sci

Jun 64

259,886

Three-Layer Copper-Iron-Copper Strip
Rolled of Powders, by O. A. Katrus,
G. A. Vinogradov.

RUSSIAN, per, Poroshkovaya Metallurgiya,
Vol II, No 5, 1962, pp 60-67.

HB 5999

Sci-M/M

Aug 63

343,499

Procedure for Calculation of Density and Thickness of Porous
Rolled Metal, by G. A. Vinogradov.
RUSSIAN, per, Poroshkovaya Metallurgiya, Vol III, No 3,
1963, pp 15-20.

HB 6186

Sci - M/M

Mar 64

250,773

Three-Layer Copper-Iron-Copper Strips of Metal
Powder, by O. A. Katrus, G. A. Vinogradov, 6 pp.

RUSSIAN, per, Poroshkovaya Metallurgiya, No 5(11),
1962, pp 60-67.

CB

Sci
May 64

258,790

Application of the Method of Reference Points for
Calculating the Density of Strips Rolled From
Powders, by G. A. Vinogradov, 7 pp.

RUSSIAN, per, Poroshkovaya Metallurgiya,
No 4(10), 1962, pp 643-71.

CB

Sci
May 64

258,778

Determination of the Specific Pressure During
the Rolling of Metal Powders, by G. A. Vinogradov,
V. P. Katashinskii.

RUSSIAN, per, Poroshkovaya Metallurgiya,
No 3, 1963, pp 30-36.

HB 6073

Sci-M/M

Nov 63

243,442

EFFECT OF GASEOUS PHASE UPON THE ROLLING OF METAL
POWDERS, BY G. A. VINOGRADOV, I. M. REDORCHENKO.

RUSSIAN, PER, POROSHKOVAYA METALLURGIYA,
VOL 1, NO 1, 1961, PP 61-67.

HB 5580

SCI - MIN/MET
AUG 62

206,987

EXPERIMENTAL METAL-CERAMIC ROLLING MILL, BY
G. A. VINOGRADOV, I. M. FEDORCHEV, 5 PP.

RUSSIAN, PER, POROSHCHYAYA METALLURGIYA, NO 2,
1961, PP 101-107.

JPRS XKB 19653

SCI - MAT/MET

MAY 63

831,012

Method of Calculating Roll Pressure in Metal Powder
Rolling, by G.A. Vinogradov.
RUSSIAN, per Izvestiya Akademiya Nauk, Vol. 4, No. 6
1964, pp 12-16
MLL/583.4 5678

G. A. Vinogradov

Sci -
Aug 67

538-477

Phase-Changes in Alkaline Earth Soaps, by
G. B. Vinogradov. USSR

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LVIII,
No 2, 1947, pp 73-75.

DSIR Leading Library Unit
M. 188

SLA-59-19092.

Sci - Chem
Apr 59

85,860

84

Anticorrosion Properties of Steel in the
Presence of Polymer Powders, by
G. V. Vinogradov, Uch. Izv. Podol'skiy,
9 pp.

Moscow, per. AN SSSR. Institut
Mashinovedeniya Prezhiya I Iznos V
Mashinost., No 19, 1964, pp 127-137
P104202160-1

FTD-17-23-502-67

G. V. Vinogradov

Sci/Materials
Sep 66

364,224

62
Flow of Abnormally-Viscous Systems Under the
Action of Two Pure Displacements in Mutually-
Perpendicular Directions, by G. V. Vinogradov,
A. A. Hasekhov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 127, No 2,
1959, pp 362-365.
INTC-69-12755-07D

G. V. Vinogradov

Sci-Chem
Sept 69

391,159

Abstract of
Flow Birefringence of Concentrated Polymer Solutions
by G. V. Vinogradov, V. N. Manin

I. V. Stalin Military Academy of the Armored Tanks
Forces

CIA/FDD X-2731